



April 2, 2021

SUPREME BEEF LLC
c/o JARED WALZ
15869 GLIDER RD
MONONA, IA 52159

SUBJECT: **Nutrient Management Plan Approval**-Supreme Beef, LLC at 22578 Highway 18, Monona, Iowa.
AFO Facility ID# 71007

Dear Mr. Walz,

On February 1, 2021 the Department of Natural Resources (DNR) received a Nutrient Management Plan (NMP) for the above referenced open feedlot facility. On March 1, 2021 the DNR conducted a virtual public meeting to gather public comments on the NMP.

As a result of DNR's review of the NMP and public comments received it was noted that portions of the NMP needed further clarification. We received clarification on those points and the response was found to be acceptable. **The NMP has been reviewed and DNR is accepting the NMP at this time with the following requirements and expectations:**

- The dominant critical areas of three (3) fields utilized in the RUSLE2 to generate the P index in the 2/1/21 NMP were not selected correctly. The fields are identified in the plan as Home Farm Hay, June's, and Koether-Giard 35. DNR acknowledges Koether-Giard 35 has been removed from the plan and June's RUSLE2 and P index has been revised appropriately. Home Farm Hay is not planned to receive manure during the current crop cycle. Please note the RUSLE2 and P index of Home Farm Hay will need to be rerun and the plan updated prior to any manure application on this field.
- DNR received copies of signed affidavits from farmers regarding tillage practices outlined in RUSLE2's of the NMP and acknowledges fields identified as Koether-Giard 34 and Koether-Giard 35 have been removed from the plan.
- DNR understands that manure nutrient content analysis will be obtained from the manure storage basin and the NMP will be updated if necessary prior to land application activities. As a reminder, the results of the manure analysis and a current NMP must be available onsite for review by DNR staff in accordance with paragraph 567 IAC 65.112(10) "a."
- The original NMP used soil sampling data that does not meet the requirements of Subrule 567 IAC 65.17(16). Paragraph 567 IAC 65.17(17) "e" states, "For an original manure management plan, previous soil sampling data that does not meet the requirements of 65.17(16) may be used in the phosphorus index if the data is four years old or less. In the case of fields for which soil sampling data is used that does not meet the requirements of 65.17(16), the fields must be soil-sampled according to the requirements of 65.17(16) no more than one year after the manure management plan is approved." Subparagraph 567 IAC 65.17(17) "h" (1) provides, "When any inputs to the phosphorus index change, an operation shall recalculate the phosphorus index and adjust the application rates if necessary." A corrected NMP including the recalculated Rusle2 calculations, phosphorus index, and soil analyses, must be submitted to DNR Field Office 1 by **February 1, 2022**.

We wish to remind you that you must comply with all requirements for land application of manure, including the applicable separation distances. You are also required to maintain detailed records of actual manure applications for both solid and liquid manure as well as any changes made to your current NMP. Records from this facility must be maintained for five years.

Our records indicate that your open feedlot will house 1,000 cattle or more and would require an NPDES Permit for any discharge to a water of the state. A discharge can include manure, manure laden runoff, or process wastewater (such as runoff from bedding, feed stuffs, or compost areas) that would reach surface waters. A discharge can occur from the facility or from manure application if it results in manure runoff to a water of the state.

Please feel free to contact Brian Jergenson at brian.jergenson@dnr.iowa.gov or 563/927-2640, Ext. 313 with any questions or concerns.

Sincerely,

A handwritten signature in cursive script, appearing to read "Joseph P. Sanfilippo".

Joe Sanfilippo
Environmental Program Supervisor

CC: Becky Sexton (via email)

Efile: 22 AFO Monona 71007 Supreme Beef LLC NMP ltr 040221 bdj